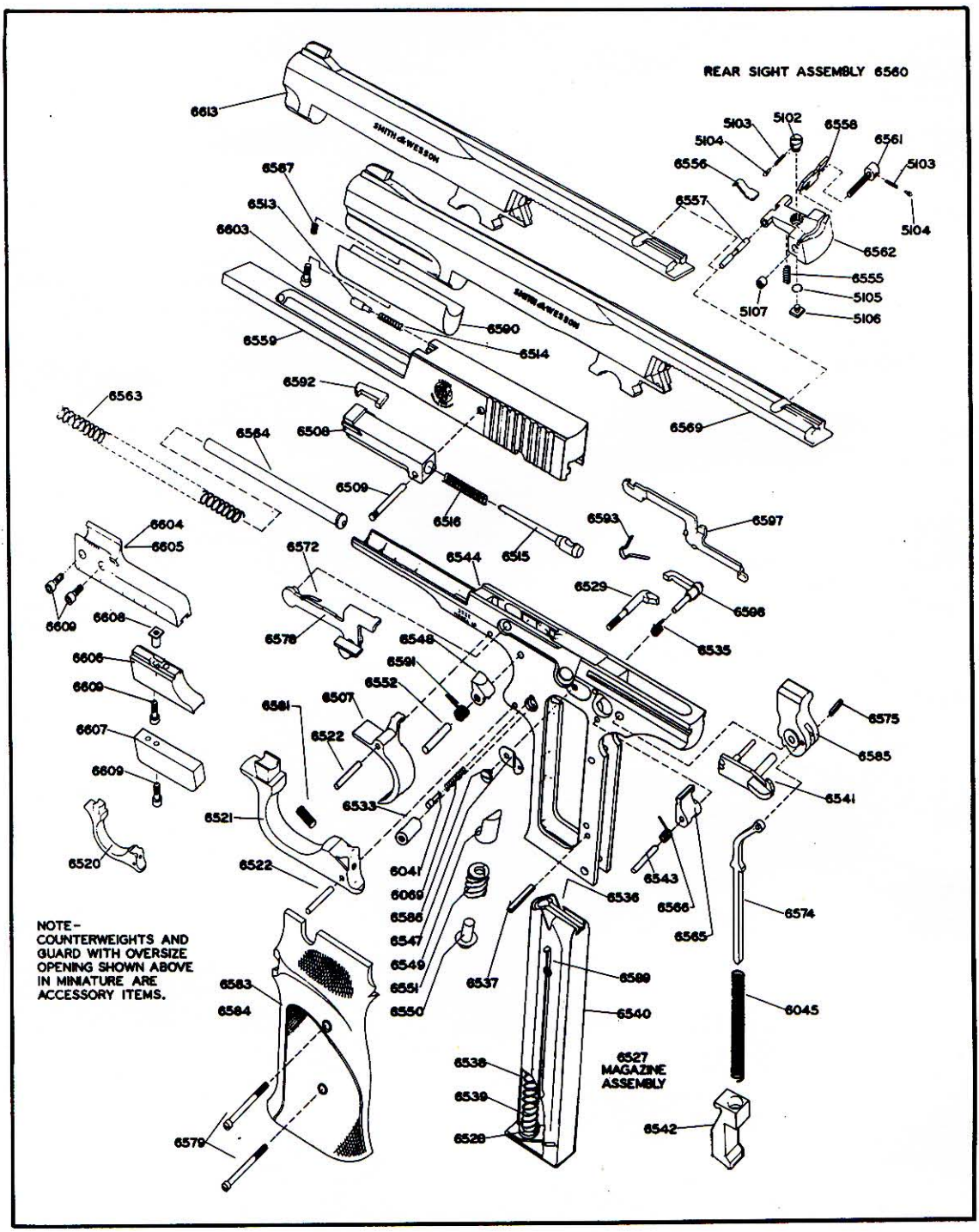
SMITH & WESSON

22 AUTOMATIC Model No. 46

PARTS LIST • INSTRUCTIONS FOR USE • MAINTENANCE
SPECIFICATIONS • GUARANTEE



SMITH & WESSON, INC.

SPRINGFIELD, MASS., U.S.A.

SMITH & WESSON

.22 AUTOMATIC PISTOL – MODEL No. 46

PARTS LIST

PRICES EFFECTIVE JANUARY 1, 1960 — Subject to Change Without Notice — MINIMUM ORDER 50c

No.	*Name*	*Price*
5102	Rear Sight Elevation Nut	$ .30
5103	Rear Sight Plunger Spring	.10
5104	Rear Sight Plunger	.10
5105	Rear Sight Spring Clip	.10
5106	Rear Sight Elevation Stud	.30
5107	Rear Sight Windage Nut	.10
6041	Magazine Catch Plunger	.10
6045	Main Spring	.20
6069	Magazine Catch Spring	.10
6507	Trigger	3.00
6508	Bolt	3.00
6509	Bolt Pin	.15
6513	Extractor Plunger	.10
6514	Extractor Spring	.10
6515	Firing Pin	.65
6516	Firing Pin Spring	.10
6520	Guard (accessory)	5.00
6521	Guard	4.50
6522	Guard Pin	.10
6522	Trigger Pin	.10
6527	Magazine Assembly	4.00
6528	Magazine Butt Plate	.30
6529	Magazine Catch	.35
6533	Magazine Catch Nut	.20
6535	Magazine Disconnector Spring	.10
6536	Magazine Follower	.50
6537	Main Spring Retainer Pin	.10
6538	Magazine Spring	.15
6539	Magazine Spring Plunger	.15
6540	Magazine Tube	3.00
6541	Manual Safety	2.50
6542	Main Spring Retainer	.60
6543	Sear Pin	.10
6544	Frame	31.00
6547	Manual Safety Spring Plate	.15
6548	Pawl	.60
6549	Pawl Cam	.50
6550	Pawl Cam Plunger	.15
6551	Pawl Cam Spring	.10
6552	Pawl Pin	.10
6555	Rear Sight Elevation Spring	.10
6556	Rear Sight Pivot Clip	.10
6557	Rear Sight Pivot Pin	.10
6558	Rear Sight Slide	1.00
6559	Slide	$11.00
6560	Rear Sight Assembly	6.00
6561	Rear Sight Windage Screw	.50
6562	Rear Sight	4.00
6563	Recoil Spring	.15
6564	Recoil Spring Guide	.15
6565	Sear	1.50
6566	Sear Spring	.10
6569	Barrel, 7"	16.50
6572	Slide Stop Spring	.10
6574	Stirrup	.25
6575	Stirrup Pin	.10
6578	Slide Stop & Ejector	2.00
6579	Stock Screw	.30
6581	Trigger Stop Screw	.15
6583	Stock—Left w/Escutcheon	2.75
6584	Stock—Right w/Escutcheon Nut	2.75
6585	Hammer	3.00
6586	Manual Safety Spring Plate Screw	.10
6587	Screw for Counterweight Hole in Barrel	.10
6589	Magazine Pin	.30
6590	Counterweight 2 oz.	1.25
6591	Pawl & Trigger Spring	.10
6592	Extractor	.50
6593	Trigger Bar Spring	.15
6597	Trigger Bar	.50
6598	Magazine Disconnector	.75
6603	Counterweight Screw	.10
6604	Counterweight Upper Section (Aluminum) 3 oz.	8.00
6605	Counterweight Upper Section (Steel) 7¼ oz.	8.00
6606	Counterweight Middle Section 4¼ oz.	4.00
6607	Counterweight Lower Section 4 oz.	3.00
6608	Counterweight Nut	.10
6609	Counterweight Screw	.10
6610	Counterweight Assembly with Steel Upper Section (6605)	15.00
6612	Counterweight Assembly with Aluminum Upper Section (6604)	15.00
6613	Barrel, 5"	16.50

SPECIFICATIONS

Caliber 22 Long Rifle.

Magazine Capacity 10 Rounds.

Barrel Length 5", 7".

Length Overall With 7" barrel, 10 9/16".

Sight Radius With 7" barrel, 9 5/16".

Weight With 7" barrel and empty magazine, 42 oz. (detachable 2-oz. counter weight furnished.

Sights Front sight—⅛" Patridge undercut. Rear sight—S&W Micrometer Click sight with sight slide canted to the rear.

Stocks Molded nylon with modified thumb rest, equally adapted to right- or left-handed shooters.

Finish S&W satin blue with sandblasting, around sighting areas to break up light reflection.

Trigger ⅜" width, with S&W grooving and an adjustable trigger stop.

NOTE: The 5-inch barrel provides exactly the same sighting radius as the Masterpiece Target Revolver. There are no provisions for barrel weights or Olympic counterweights. This barrel is completely interchangeable with our 7-inch barrel without fitting or adjustment.

LOADING AND FIRING

1. Pull slide to rear until it locks open.

2 Press magazine catch nut on left side of frame back of trigger guard and drop magazine into the hand.

3. Holding the magazine in the hand, depress the follower with the buttons provided for the purpose and drop in or load the desired number of cartridges. These must be loaded with the primer to the rear, or flat edge of the magazine, and the bullet to the front or rounded edge of the magazine. It is important that all cartridges lie even and parallel when the follower is released. Competitive shooting indicates the loading of 5 cartridges. Full magazine capacity is 10 cartridges.

4. Replace the magazine in the butt of the gun, pushing upwards until it locks securely in place.

5. Holding the gun pointed in a safe direction, release the slide by pulling slightly to the rear and letting go. It will travel forward picking up the top cartridge in the magazine and loading it in the chamber. Keep finger off trigger during this operation.

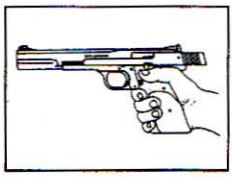
6. The gun may now be fired by simply squeezing the trigger for each shot desired. Its function is normal for a self loading semi-automatic pistol and the slide will lock and remain open after the last shot has been fired. The magazine may then be withdrawn and reloaded.

7. Should you desire to make the gun safe while loaded, push the manual safety on the left side of frame to its upper position with the hook engaging its notch in the serrations of the slide. This locks the slide, blocks the sear, and disconnects the trigger bar. This can only be done when the gun is cocked.

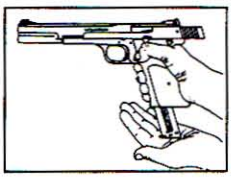
8. To unload a loaded pistol, first apply the manual safety as outlined in the preceding paragraph (#7). Remove magazine as outlined in #2. Then disengage the manual safety and pull the slide all of the way to the rear to eject the live round of ammunition from the chamber.

WARNING! Do not touch the trigger at any time while unloading the gun, and keep the muzzle pointed in a safe direction until the weapon is cleared.

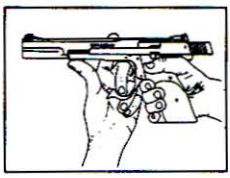
FIELD STRIPPING



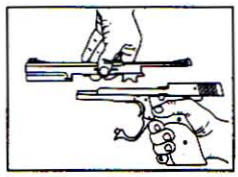
1.
Lock slide back.



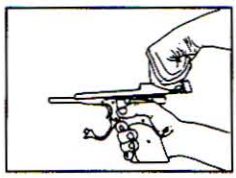
2.
Remove magazine.



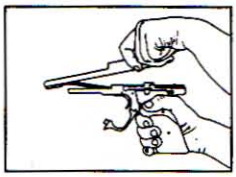
3.
Pull trigger guard down. Hold gun in position shown, so that barrel assembly will not fall off when released.



4.
Lift off barrel assembly.



5.
Pull slide back and raise slightly.



6.
Move slide assembly forward to complete disengagement.

This constitutes adequate field stripping for normal cleaning purposes. Reverse above procedure to reassemble.

NOTE: After reassembling slide assembly to frame, lock slide to its rearward or open position by holding back while you push upwards on the slide stop thumbpiece. This will facilitate the next step, which is the reinstallation of the barrel assembly.

SIGHT ADJUSTMENT

1. Front sight is fixed. All adjustments must be made at the rear sight.

2. Move the rear sight in the direction in which you wish the group on the target to move. (If group must be higher, elevate the rear sight. If group must go to the right, move the rear sight to the right, etc.)

3. To elevate rear sight turn top (elevating) screw to the left, or counter-clockwise. To depress rear sight turn top (elevating) screw to the right, or clockwise.

4. To move rear sight to right, turn side (windage) screw to the right, or clockwise. To move rear sight to left, turn side (windage) screw to the left, or counter-clockwise.

5. Each click of the rear sight moves the point of impact on the target approximately 3/8" elevation and 1/4" windage at 50 yards and half of that amount at 25 yards.

SERVICE

Should your Smith & Wesson pistol require adjustment, repair or refinishing, we strongly recommend that the weapon be returned to the factory. There is no other way to insure that the work will be done by a competent staff of trained technicians.

Charges are very reasonable, being based on the cost of parts replaced plus a labor charge for the time spent on the work. A labor charge for one hour is usually sufficient to cover all but very extensive overhaul jobs.

Pistols returned to the factory should be MARKED FOR THE ATTENTION OF THE SERVICE DEPARTMENT. A letter of instructions should be enclosed with the gun, and shipment by individuals must be made by Prepaid Railway Express. Adherence to these suggestions will prevent loss of time in handling at the factory.

When your pistol arrives in our Service Department, it will be very carefully inspected, together with your letter of instructions. Next, a quotation covering total cost of work to be performed will be sent to you. No actual work will be commenced before receiving your approval of our quotation unless you specifically authorize us to do so.

CLEANING AND OILING

Pistols should be field stripped, cleaned, and oiled at reasonably frequent intervals to insure proper functioning.

1. Field strip per instructions elsewhere in this booklet.

2. Clean all areas that have been in contact with the by-products of explosion, using for this purpose a good commercial solvent and appropriate brushes or swabs.

3. After cleaning and drying all exposed areas, oil lightly using an acid-free gun or watch oil designated for this purpose. At the same time oil lightly all pivot points and moving contact areas. The bore, chamber, and outside of the gun may be protected by coating lightly with a rust-inhibiting oil or grease.

4. If the gun is to be stored for a considerable length of time repeat this cleaning and oiling process several days later and before storage, as a certain amount of residue will work out of the metal, particularly the bore of the barrel, and this should all be removed and the gun re-oiled before it is finally put away.

5. Do not store guns for any length of time in a leather holster or case or in any type of container that will attract and hold moisture.

WARNING!

Before proceeding to use this weapon, a word of caution is in order. This pistol is as safe to handle and use as we can make it, but there is no foolproof firearm. Be sure that the muzzle is pointing in a safe direction at all times, whether the gun is loaded or not. Make safe gun handling a habit.

Beware of obstacles in the barrel. If, when firing, a weak or peculiar report is heard, cease firing and inspect the barrel for an obstruction. If the barrel contains a stuck bullet, cleaning patch, mud, snow, twig, or even heavy grease, a bulged barrel will probably result upon firing.

Be careful how you treat the magazine. In loading the magazine into the gun simply press it into place — do not drive in forcibly, as this practice may in time cause distortion of magazine lips and resultant malfunctions. And don't drop it, particularly on a hard surface like concrete or rock — the results will be the same.

Use extra caution in clearing jams in any automatic pistol. No fixed procedure can be quoted other than the fact that you should proceed in a commonsense and safe manner.

1. When the jam occurs, keep the gun pointed in a safe direction and wait for a few seconds to be sure you don't get a hang-fire with the breech open.

2. Pull slide back and lock it back by pushing the slide stop thumbpiece upwards.

3. Press magazine catch nut and release magazine, withdrawing it completely from the gun.

4. Remove jammed cartridge *with extreme care,* remembering that pinching the rim of the case could cause the priming compound to detonate and thus explode the powder charge in the cartridge being worked on.

MAKE SAFE GUN HANDLING A HABIT.

STATEMENT OF LIABILITY

This gun is classified as a FIREARM or DANGEROUS WEAPON and is surrendered by us with the express understanding that we assume no liability for its re-sale or safe handling under local laws and regulations. Smith & Wesson assumes no responsibility for physical injury or property damage resulting from either intentional or accidental discharge, or for the function of any gun subjected to influences beyond their control, and will honor no claims which may result from careless handling, unauthorized adjustments, defective or improper ammunition, corrosion or neglect.

For your protection, examine your gun carefully at the time of purchase, then fill out and mail to us promptly the registration card bearing your gun's serial number which accompanies all new guns.

WARRANTY

The company will replace or adjust to its commercial standard any gun or part thereof returned prepaid to the factory and found by us to be defective in either material or workmanship. Such service will be made free of charge for one year from date of registered purchase. This warranty and statement of liability supersedes all previous warranties and commitments.

April 15, 1955

SMITH & WESSON, INC.

SPRINGFIELD, MASS., U.S.A.

S&W U.S.A.